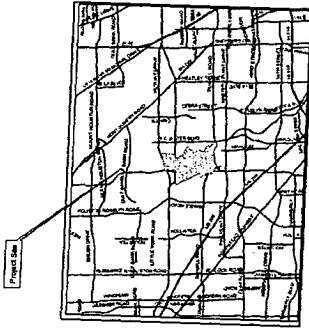
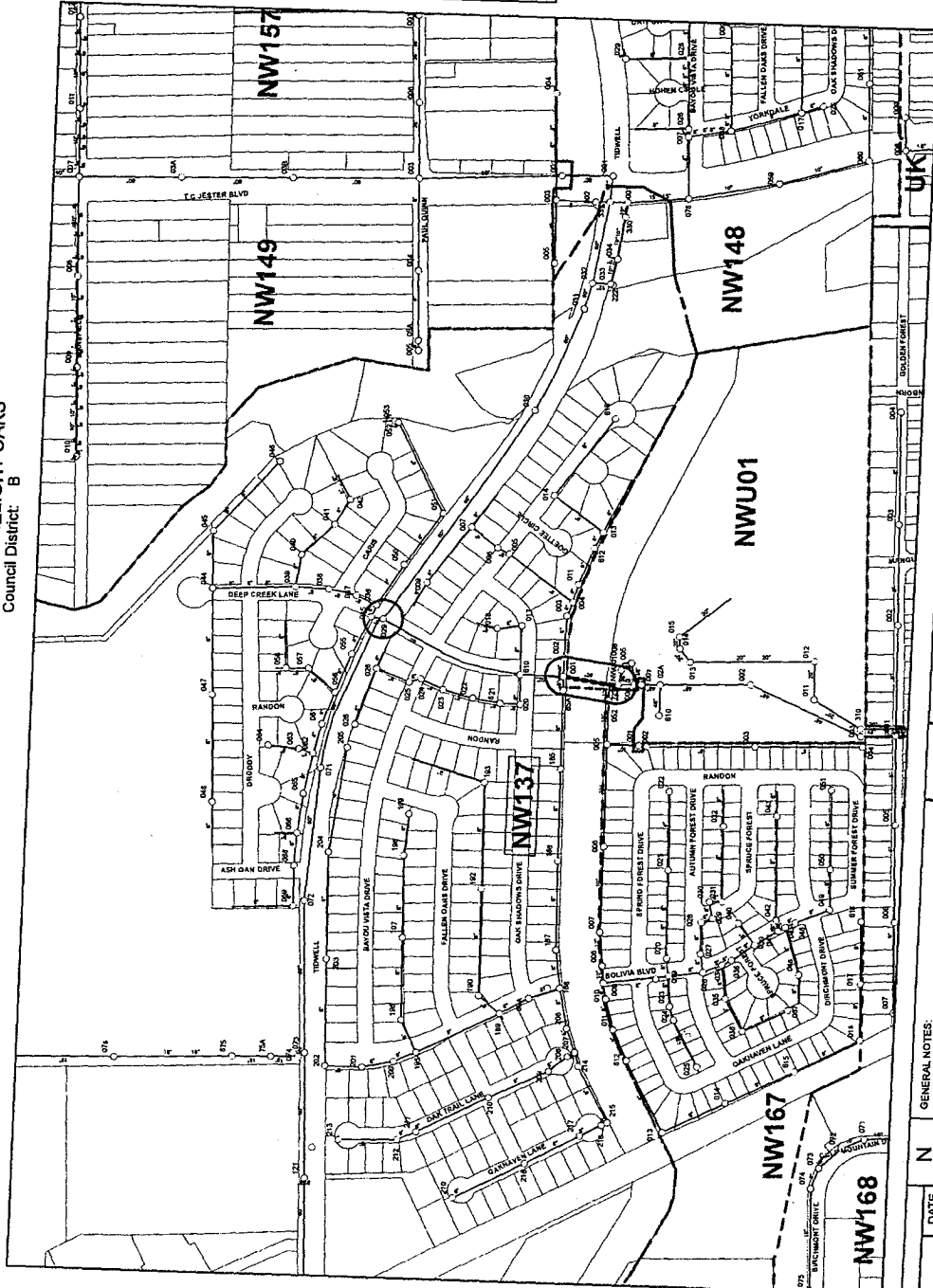


# CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
 WASTEWATER OPERATIONS BRANCH  
 SANITARY SEWER REHABILITATION BY CURED-IN-PLACE PIPE METHOD  
 Subdivision: CANDLELIGHT OAKS  
 Council District: B



CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH SANITARY SEWER REHABILITATION BY CURED-IN-PLACE PIPE METHOD
WWFILE NO. 4258-54
WORK ORDER NO. 1
WBS NO. R-002013-0030-4
OUTLINE AGREEMENT NO. 460001763
COLLECTION SYSTEM OPERATIONAL SECTION
COLLECTION SYSTEM OPERATIONAL CHECK
COLLECTION SYSTEM OPERATIONAL CHECK
CITY OF HOUSTON WASTEWATER OPERATIONS BRANCH
DATE: 3/20/01
SCALE: 1"=200'
DESIGNER: R.A. HARRIS
SHEET NO. 1 OF 1 SHEET

QUADRANT: NW  
 KEY MAP: 451C  
 TILE NUMBER: 5161d  
 T.MAP: T1208

CONTRACTOR:  
 Rappaport, Inc.  
 10000 S. Loop E. Houston, TX 77061  
 PHONE NO. (713) 882-8373  
 FAX NO. (713) 884-0405

QUALITY CONTROL LAB  
 P.O. BOX 1044 Houston, TX 77206  
 PHONE NO. (713) 882-8373  
 FAX NO. (713) 891-6602



GENERAL NOTES:  
 1. EXACT LOCATION, ALIGNMENT, ELEVATION, SIZE AND SPACING OF  
 EXISTING MANHOLE LINES AND/OR MANHOLES SHALL BE AS NOTED  
 TO WHICH MANHOLES ARE NOTED. CONTRACTOR SHALL BE NOTIFIED  
 LOCATION AND/OR DEPTH OF ANY MANHOLES OR OTHER STRUCTURES  
 LOCATED PRIOR TO ANY CONSTRUCTION OF THE PROJECT.

LEGEND

BASIN AREA: NW137

REVISION	DESCRIPTION

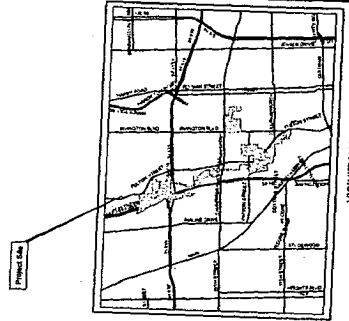
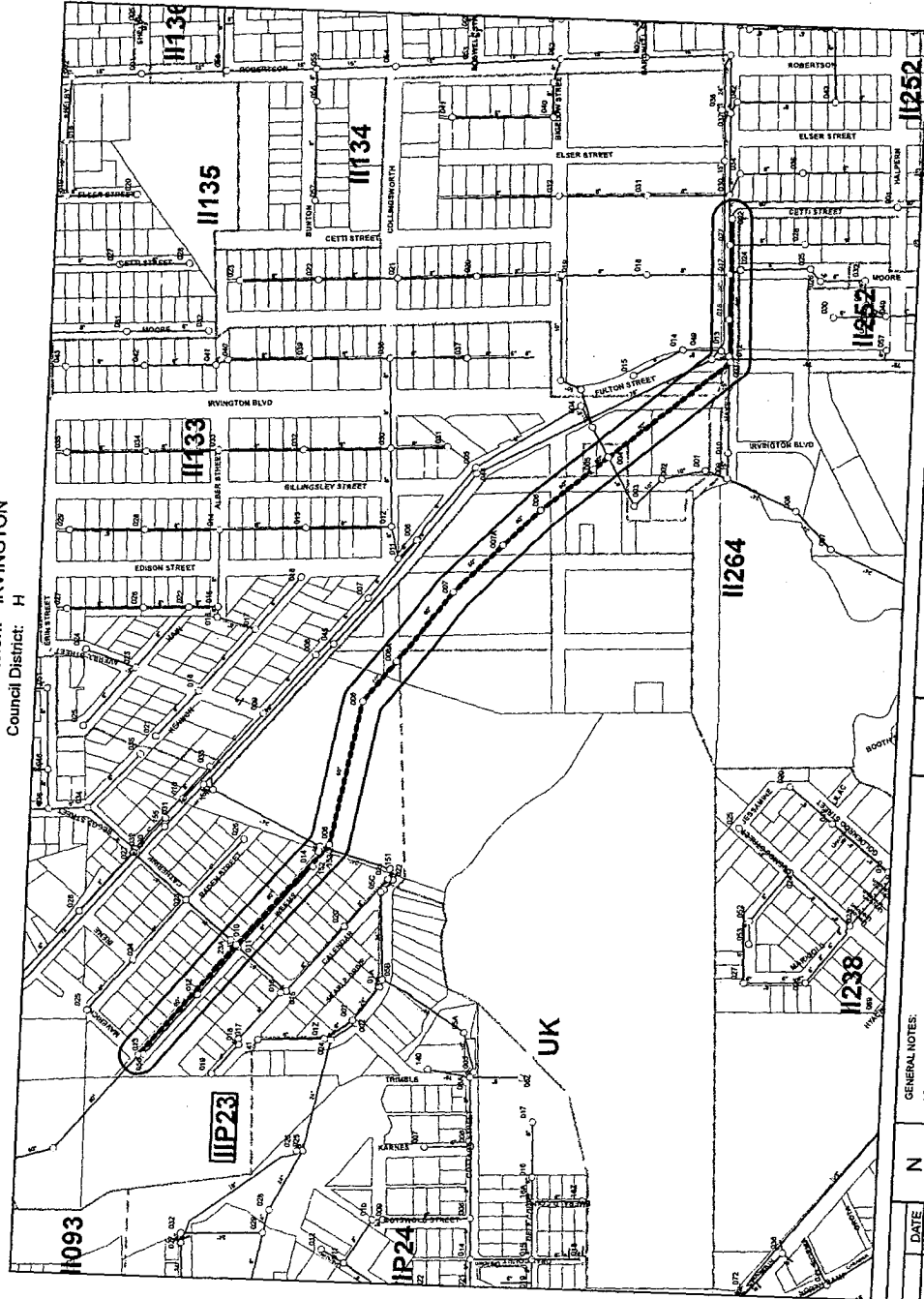


DATE

# CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
 WASTEWATER OPERATIONS BRANCH  
 Sanitary Sewer Rehabilitation by Cured-In-Place Pipe Method

Subdivision: IRVINGTON  
 Council District: H



DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
 WASTEWATER OPERATIONS BRANCH  
 SANITARY SEWER REHABILITATION BY  
 CURED-IN-PLACE PIPE METHOD  
 WORK ORDER DRAWING

WORK ORDER NO. 4258-54  
 WORK ORDER NO. 2  
 WAS NO. R-002013-0030-4  
 OUTLINE AGREEMENT NO. 4600011763

COLLECTION SYSTEM OPERATIONAL SECTION  
 COLLECTION SYSTEM OPERATIONAL CHECKS  
 COLLECTION SYSTEM OPERATIONAL REVIEW

CITY OF HOUSTON  
 SANITARY SEWER REHABILITATION BY CURED-IN-PLACE PIPE METHOD  
 DATE: 06/01/2013  
 SCALE: 1" = 30'  
 JOB BY: T. Hays  
 SHEET NO. 1 OF 1 SHEET

CONTRACTOR:  
 Repco Construction, LLC  
 7100 Jones Fk, Bldg E, Houston, TX 77064  
 PHONE NO. (713) 834-6439  
 FAX NO. (713) 834-6489

QUALITY CONTROL LAB:  
 P.O. Box 10348  
 Houston, TX 77266  
 PHONE NO. (713) 692-8432  
 FAX NO. (713) 692-8522

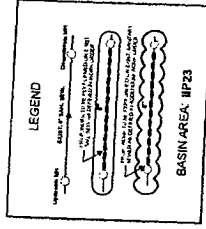


GENERAL NOTES:  
 1. EXISTING UTILITY LOCATIONS SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION.  
 2. ALL UTILITY LOCATIONS SHALL BE MARKED AND PROTECTED PRIOR TO CONSTRUCTION.  
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.  
 4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.



NO. \_\_\_\_\_ DATE \_\_\_\_\_

REVISION  
 DESCRIPTION



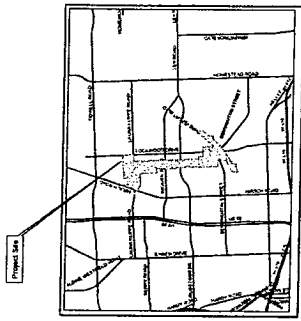
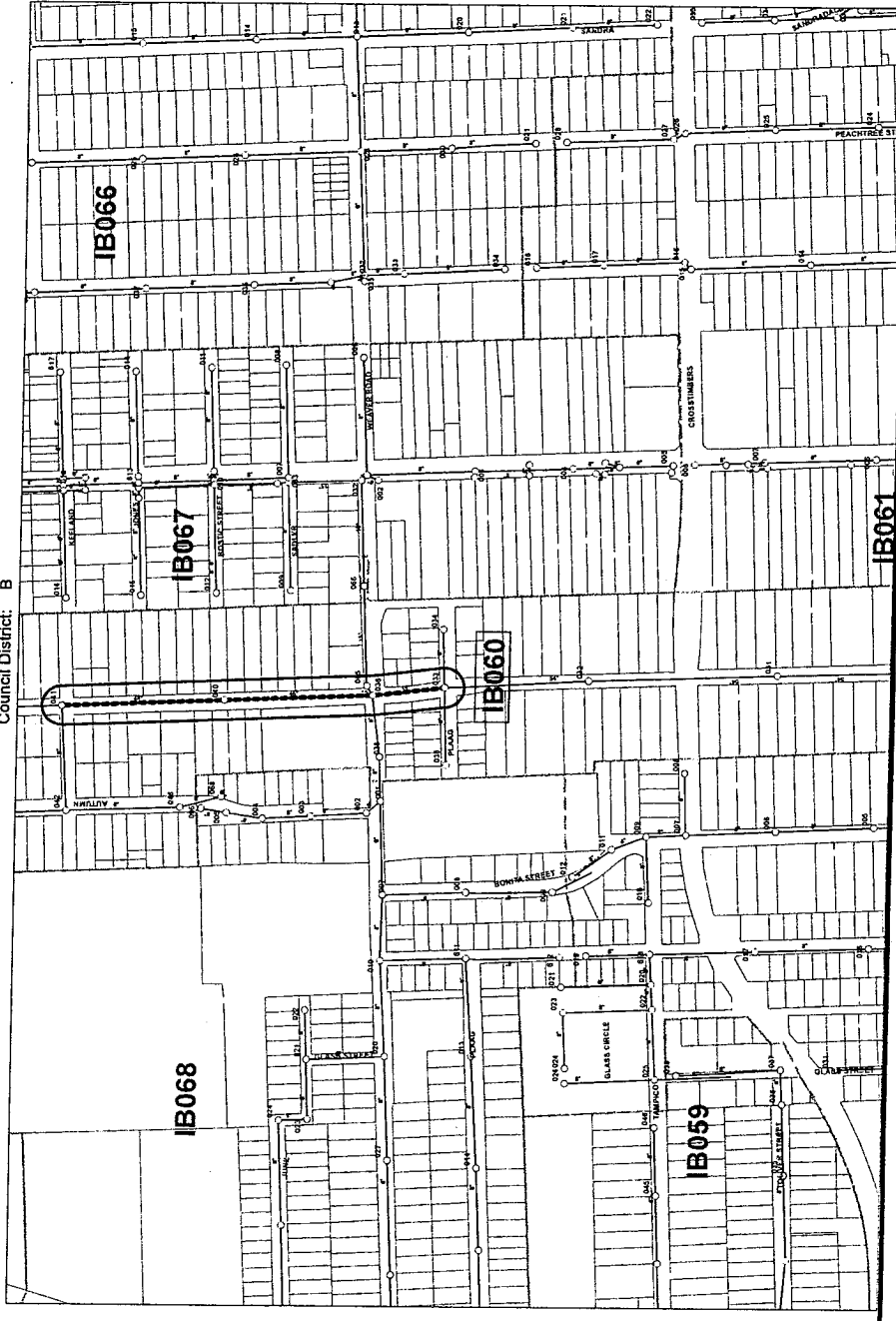
QUADRANT: NE  
 KEY MAP: 453Y  
 TILE NUMBER: 5358d  
 P. MAP: P2862

# CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
 WASTEWATER OPERATIONS BRANCH  
 SANITARY SEWER REHABILITATION BY CURED-IN-PLACE (CIPP) METHOD

Subdivision: RENEÉ GARDENS

Council District: B



PROJECT NO.	4255-54
WORK ORDER NO.	3
WORK ORDER NO.	R-002013-0030-4
OUTLINE AGREEMENT NO.	4600011763
COLLECTION SYSTEM OPERATIONS SECTION	
COLLECTION SYSTEM OPERATIONS GROUP	
COLLECTION SYSTEM OPERATIONS DIVISION	
CITY OF HOUSTON	
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
WASTEWATER OPERATIONS BRANCH	
SANITARY SEWER REHABILITATION SECTION	
CURED-IN-PLACE (CIPP) METHOD	
WORK ORDER DRAWING	

DATE	10/29/13
SCALE	1" = 30'
DRAWN BY	A.A. THOMAS
SHEET NO.	1 OF 1 SHEET

QUADRANT:	NE
KEY MAP:	454FG-L-Q
TITLE NUMBER:	5561c
T MAP:	T1256

CONTRACTOR:  
 Rapp Construction, LLC  
 P.O. Box 10248, Houston, TX 77206  
 PHONE NO. (713) 872-8773  
 FAX NO. (713) 854-0419

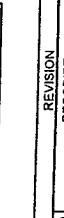
QUALITY CONTROL LAB  
 P.O. Box 10248, Houston, TX 77206  
 PHONE NO. (713) 872-8773  
 FAX NO. (713) 854-0419



GENERAL NOTES:  
 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SEWERAGE AND WATER MAINS, AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF STORM SEWERAGE SYSTEMS, BOTH PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION AND PUBLIC SAFETY.

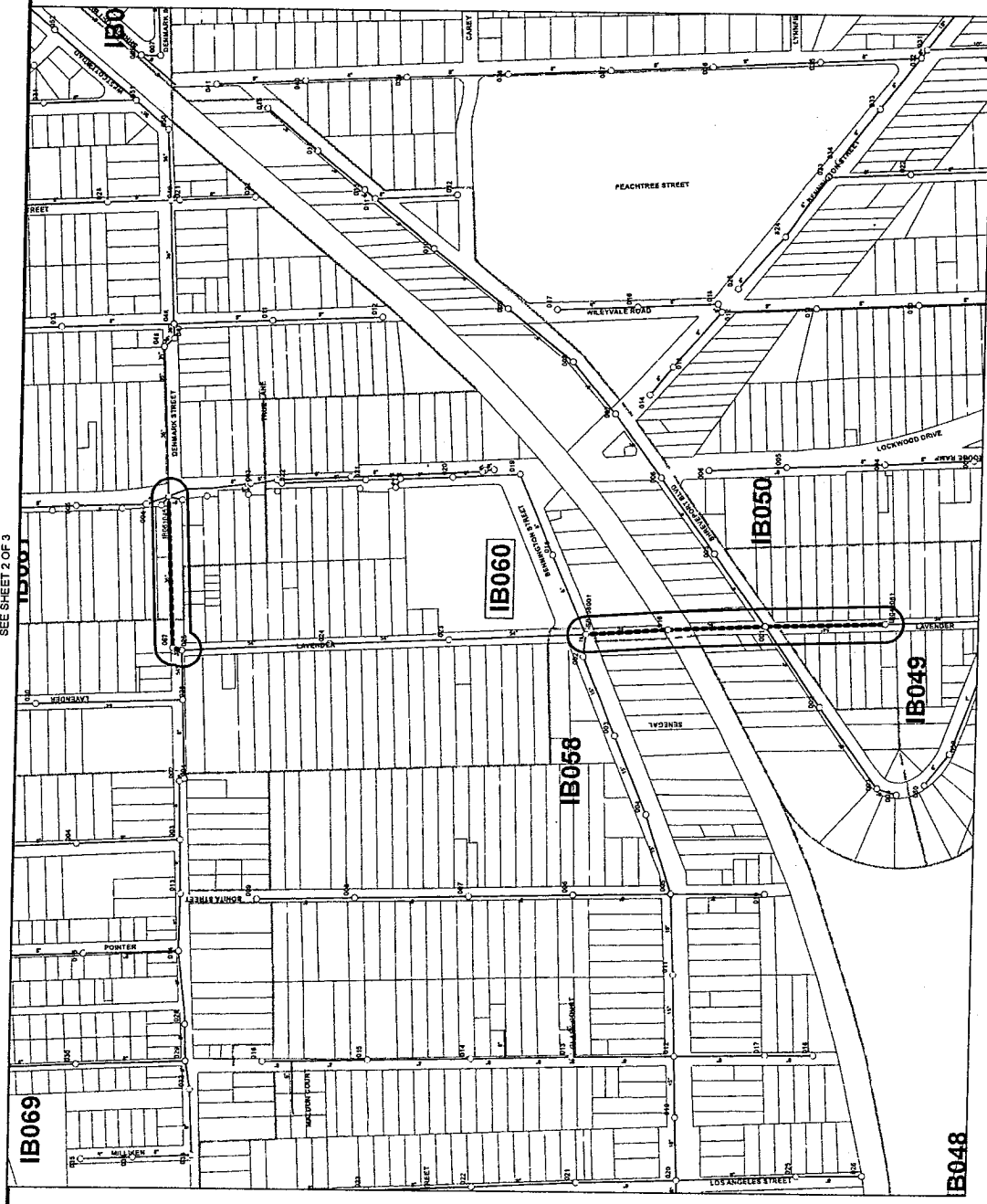


NO.	REVISION	DESCRIPTION	DATE





SEE SHEET 2 OF 3



CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATION BRANCH SANITARY SEWER REHABILITATION BY CURRENT PLACE (CPM) METHOD LOCKWOOD DRIVE	WORK ORDER NO. 3	DATE: 10/20/11
WV FILE NO. 4258-54	WBS NO. R-002013-0030-4	SCALE: 1" = 20'
	OUTLINE AGREEMENT NO. 4600011763	DRAWN BY: R.A. THOMAS
	COLLECTION SYSTEM OPERATIONS SECTION	CITY OF HOUSTON WASTEWATER OPERATIONS BRANCH
	COLLECTION SYSTEM OPERATIONS CHECK	
	COLLECTION SYSTEM OPERATIONS REVIEW	
		SHEET NO. 1 OF 3 SHEET

QUADRANT: NE  
KEY MAP: 454FG.L.Q  
TILE NUMBER: 5561c  
T. MAP: T1256

CONTRACTOR:  
Reaper Construction, LLC  
7600 Bella F., Bldg E, Houston, TX 77061  
PHONE NO. (713) 834-0419  
FAX NO. (713) 834-0419

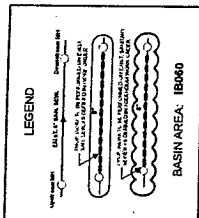
QUALITY CONTROL LAB  
HTS, Inc., Consultant  
10101 Katy, Houston, TX 77066  
PHONE NO. (713) 892-4552  
FAX NO. (713) 892-4552



GENERAL NOTES:  
1. EXACT LOCATION, ALTIMETER, ELEVATION, SIZE AND QUANTITY OF  
MANHOLES AND CATCH BASINS SHALL BE AS SHOWN ON THIS PLAN.  
2. ALL MANHOLES SHALL BE CONCRETE AND SHALL BE REINFORCED  
TO WITHSTAND ALL EXISTING AND FUTURE LOADS.  
3. ALL MANHOLES SHALL BE FINISHED TO EXISTING GRADE.  
4. ALL MANHOLES SHALL BE FINISHED TO EXISTING GRADE.  
5. ALL MANHOLES SHALL BE FINISHED TO EXISTING GRADE.  
6. ALL MANHOLES SHALL BE FINISHED TO EXISTING GRADE.

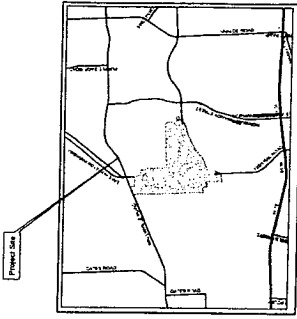
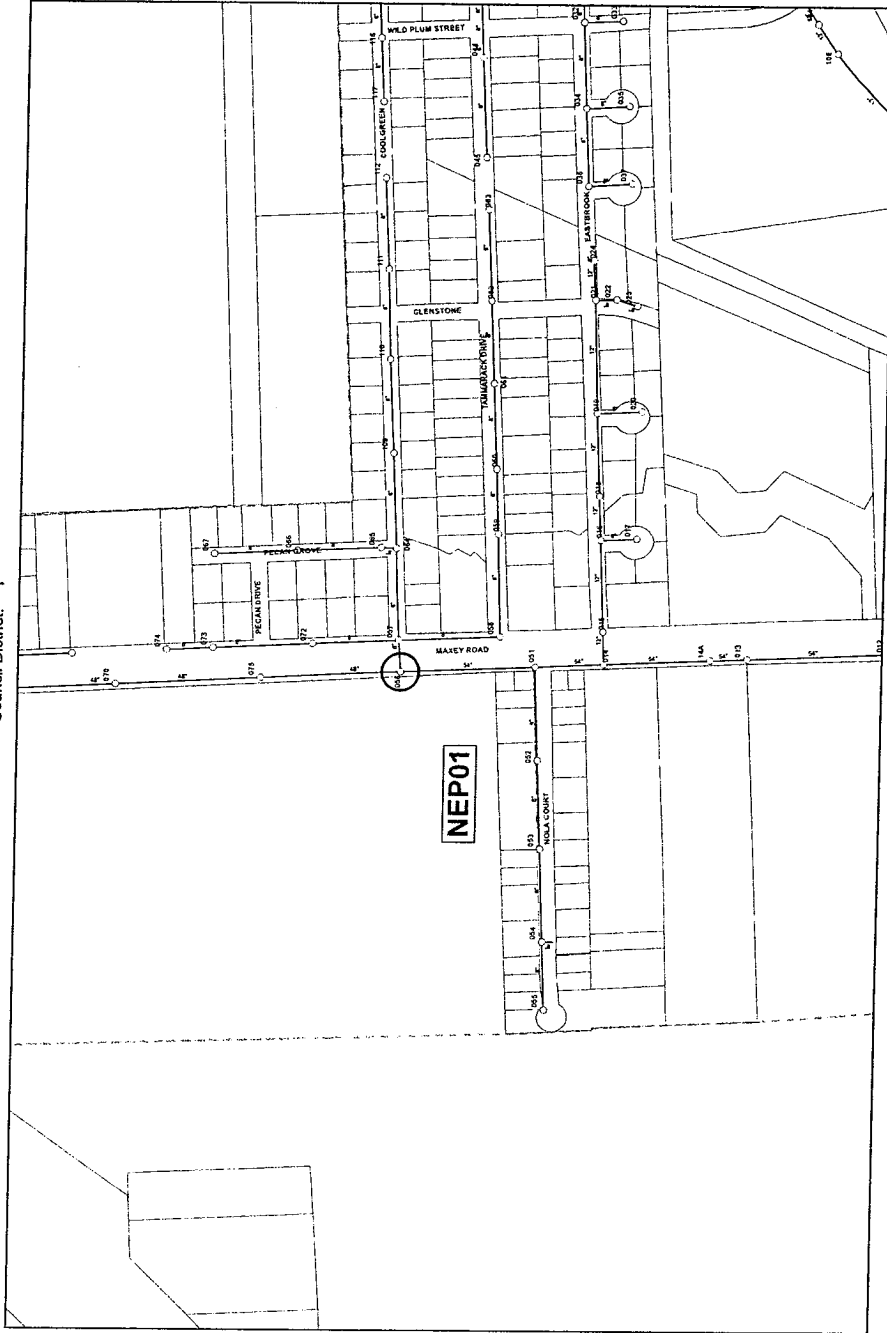


NO.	REVISION	DESCRIPTION	DATE



# CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
 WASTEWATER OPERATIONS BRANCH  
 SANITARY SEWER REHABILITATION BY CURED-IN-PLACE (CIPP) METHOD  
 Subdivision: SHADY BROOK  
 Council District: 1



CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH SANITARY SEWER REHABILITATION BY CURED-IN-PLACE (CIPP) METHOD WORK ORDER DRAWING	
WORK ORDER NO.	4258-54
WORK ORDER NO.	4
ISS NO.	R-002013-0030-4
OUTLINE AGREEMENT NO.	4600011763
COLLECTOR SYSTEM OPERATIONS SECTION	
COLLECTOR SYSTEM OPERATIONS CHECK	
COLLECTOR SYSTEM OPERATIONS CHECK	
COLLECTOR SYSTEM OPERATIONS CHECK	
CITY OF HOUSTON WASTEWATER OPERATIONS BRANCH	
DATE: 12/08/08	
SCALE: 1" = 30'	
DESIGNED BY: R.A. HARRIS	
SHEET NO. 1 OF 1 SHEET	

QUADRANT:	NE
KEY MAP:	456Y
TILE NUMBER:	5759d
P MAP:	P2908

CONTRACTOR  
 Pappas Construction, LLC  
 7600 Santa Fe, Houston, TX 77061  
 PHONE NO. (713) 882-8022  
 FAX NO. (713) 882-8022

QUALITY CONTROL LAB  
 P.E. Inc. Consultants  
 10000 Katy, Houston, TX 77056  
 PHONE NO. (713) 882-8022  
 FAX NO. (713) 882-8022



GENERAL NOTES:  
 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SEWERAGE AND WASTEWATER TREATMENT PLANTS.  
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON AND THE STATE OF TEXAS.  
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON AND THE STATE OF TEXAS.  
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON AND THE STATE OF TEXAS.



NO.	REVISION	DESCRIPTION	DATE

LEGEND
BASIN AREA NEP01